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*Published to advance the Science of cold-blooded vertebrates*

## A SECOND RECORD OF THE SCOMBROID FISH *GERMO MACROPTERUS* FROM THE COAST OF CALIFORNIA.

A specimen of this species was found stranded on the beach between Santa Barbara and Carpenteria, along the Santa Barbara Channel in Southern California, on July 12, 1916. This species is caught off the Japanese and Hawaiian Islands, but has been recorded from the California coast only from Santa Catalina Island.

CARL L. HUBBS,  
*Stanford University, Calif.*

## POLYODON IN WESTERN MISSOURI.

Through the kindness of Mr. G. C. Roe the Museum of the University of Colorado has received the head of a Spoonbill Cat, *Polyodon spathula* (Walbaum) collected in western Missouri about 15 miles from the Kansas-Missouri state line. This fish was hooked in Dry Wood Creek, near Nevada, Missouri, August 10, 1916, and weighed 26 pounds when taken from the water. The head measures 21 inches from the tip of the gill-flap to the tip of the paddle. Dry Wood Creek is one of the small head-water streams of the Osage River system, and is usually only a few feet wide. The *Polyodon* was caught

during high water, however, when the creek was over a mile wide in many places. Local fishermen report that the Spoonbill is seen every few years during such floods.

MAX M. ELLIS,  
Boulder, Colorado.

# MEASUREMENTS OF A LARGE EXAMPLE OF *CESTRACION ZYGAENA* (LINNAEUS).

On August 3, 1916, a large male hammerhead shark was taken by the U. S. Fisheries Schooner *Grampus*, about 90 miles east from Cape May, N. J. It was first noticed following in the wake of the vessel immediately after two of the party had been in swimming. It was evidently excited and swam rapidly, crossing the wake in short zig-zags, being apparently guided by sense of smell. A large hook baited with a chunk of tilefish was cast over, and the shark was so eager in his rushes for this bait that he missed it repeatedly. When hooked, he made a determined fight for more than five minutes against the combined efforts of five men. Finally a sword-fish iron was fastened in him, and he was brought on deck without further trouble.

The stomach was empty.

Measurements as follows:

	cm.		cm.
Total length .....	302	Anal to ventrals .....	29
Width of head .....	63	Base of ventrals .....	17
Snout to 1st dorsal .....	83	Length of claspers .....	29
Base of 1st dorsal .....	29	Height of ventrals .....	15
Height of 1st dorsal .....	43	Ventrals to pectoral .....	60
1st dorsal to 2d dorsal .....	70	Pectoral base .....	18
Base of 2d dorsal .....	10	Length of pectorals .....	37
Height of 2d dorsal .....	11	Pectoral to rear angle of head .....	32
2d dorsal to caudal base .....	21	Pectoral to snout .....	57
Caudal base to tip upper lobe .....	89	Depth of body .....	50
Caudal base to tip lower lobe .....	34.5	Diameter of eye .....	3.5
Caudal base to fork of caudal .....	21	Width between nostrils .....	51
Tip of caudal to notch .....	17	Snout to upper lip .....	14
Caudal base to anal .....	19	Snout to angle of jaw .....	25.5
Base of anal .....	15	Width of mouth .....	19
Height of anal .....	13		